

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (Cancelled).

14. (Currently Amended) A dosing device for a liquid fuel, for input into a chemical reformer in order to recover hydrogen or into a post-combustion device in order to generate heat, comprising:

at least one metering device to meter fuel into a metering conduit;

a nozzle body adjoining the metering conduit, the nozzle body having at least one spray discharge opening which opens into a metering chamber; and

at least one heating element with which heat can be delivered to the fuel, including at least one of a wire braid networked in mesh fashion, and a tubular hollow element, wherein the heating element delivers heat at least to a part of at least one of the metering conduit, the adapter, the metering device, and the nozzle body, and wherein the fuel is heated into an entirely vapor phase.

15. (Previously Presented) The dosing device as recited in claim 14, further comprising:

an adapter, the metering conduit and the metering device being joined in hydraulically sealed and detachable fashion by way of the adapter.

16. (Previously Presented) The dosing device as recited in claim 15, wherein the adapter has an air inlet that is connected, in the adapter, to the metering conduit.

17. (Previously Presented) The dosing device as recited in claim 14, wherein the heating element is operated or heated electrically.

Claim 18. (Cancelled)

19. (Previously Presented) The dosing device as recited in claim 14, wherein the heating element is immobilized using an attachment element made of one of plastic, dip resin, or ceramic.

20. (Previously Presented) The dosing device as recited in claim 19, wherein at least one of the heating element and the attachment element is at least partially surrounded by an insulating layer made of one of a temperature-resistant plastic or ceramic.

21. (Previously Presented) The dosing device as recited in claim 14, wherein the heating element is regulated in terms of heat output by a controller.
22. (Previously Presented) The dosing device as recited in claim 21, wherein the heating element is controlled based on a temperature in the metering chamber.
23. (Previously Presented) The dosing device as recited in claim 21, wherein the heating element is controlled based on operating parameters.
24. (Previously Presented) The dosing device as recited in claim 14, wherein the metering device is a fuel injection valve.
25. (Previously Presented) The dosing device as recited in claim 24, wherein the fuel injection valve is a low-pressure fuel injection valve that operates at fuel pressures of up to 10 bar.
26. (Previously Presented) The dosing device as recited in claim 14, wherein the metering conduit has in an axial extent at least one reduced-wall-thickness region.
27. (Cancelled)
28. (Previously Presented) The dosing device as recited in claim 14, wherein the heating element is disposed at least one of: i) in the nozzle body, ii) in the metering conduit, iii) in the adapter, and iv) in or on the metering device.